

**INVASIVE SPECIES CONTROL PROJECTS (R1 SMALL GRANTS)  
FY 2012 FINAL REPORT**

Project Title: Eradication of invasive ants from Rose Atoll

Station: Rose Atoll NWR

Contact Person: Frank Pendleton

Project Description: (Provide a brief 1-paragraph description)

There are at least 9 species of ants introduced to Rose Atoll, including species that tend to scale insects that are devastating the *Pisonia grandis* trees on the 15 acre Rose Island. Our goal is to eradicate the ants.

Invasive Species Targeted: Ants

Project Completion Date or Estimated Completion Date:

Our goal is to complete the first attempt at eradication by May 2013.

Project Results: (Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, etc.)

In April 2012, FWS, USGS, and American Samoa Government agencies conducted the first complete arthropod survey of Rose Atoll. USGS staff is still in process of identifying specimens, but have identified at least 6 species of ants. USGS is testing potential baits on these species of ants on the Big Island of Hawaii. We are in the process of planning our next trip for ant control which will take place in early 2013.

Number of Acres Treated: 15

Number of Acres Inventoried and/or Mapped: 15

Number of Acres Restored: 15

Total Grant Amount: \$40,000

No money has been spent yet,

Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment/Supplies		
Chemical		
Biocontrol Agents		
Travel		
Biotech/Contractor Salary		

Restoration Materials		
Other (Describe)		
<b>TOTAL</b>		